

NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090452-A Mode: Highway Status: Submitted

US-25 (Merrimon Avenue)

From/Cross Street: W. T. Weaver Blvd. Specific Improvement Type: 10 - Improve Intersection

To: Project Category: Regional Impact

Length: 0.5 TIP#: -

Fully Funded in Draft STIP? No

Cost to NCDOT: \$233,000

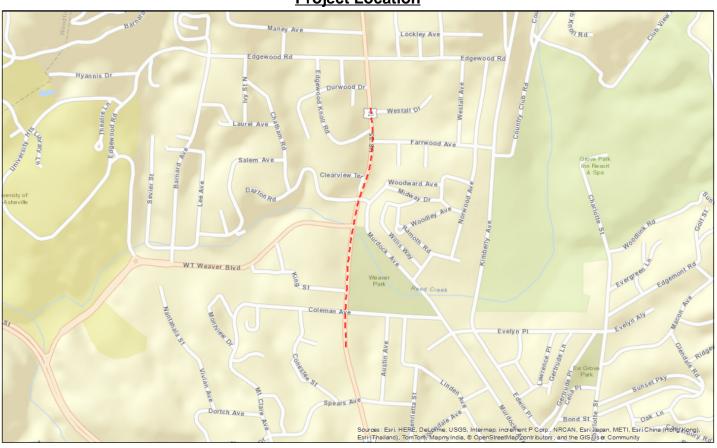
Description:

Improve intersection

Division(s): Division 13 **County(s):** BUNCOMBE

MPOS(s)/RPO(s): French Broad River MPO

Project Location



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Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
	N/A	N/A
Totals: Weight: 0% Weighted Score: 0		

Regional Impact Total Score: 85.15

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) Safety (10%) [Travel Time] Benefit/Cost (25%) Accessibility / Connectivity (10%) Totals: Weight: 70% Weighted Score	92.40 66.65 96.17 13.40	Percent: 15% Points: 100	Percent: 15% Points: 100

Division Needs Total Score: 69.38

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) Safety (10%) [Travel Time] Benefit/Cost (20%) Totals: Weight: 50% Weighted Score	92.40 66.65 96.17 e: 44.38	Percent: 25% Points: 100	Percent: 25% Points: 0

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Project Data *

Existing Conditions

Existing Cross-Section: Speed Limit: 35 0.5 Length (miles); Arterial Facility Type: Access Control: None Functional Classification: Minor Arterial Terrain Type: Rolling Lane Width: 12 Paved Shoulder Width: 0 Roadway has Curb & Gutter? Yes Volume (AADT): 40195.7 Capacity: 31599.99 Volume/Capacity Ratio: 1.27 % Autos: 98% % Trucks: 2% Truck Volume: 911.65 0 Crash Density: 0 Crash Severity: 0 Critical Crash Rate: Crash Frequency: 100 Severity Index: 33.3 County Tier Designation: 3 Non-Interstate STRAHNET No Route? Average Commuting Time: 16 Undivided Existing Median Type (for Cost Estimation): Pavement Condition Rating: 71 24.99 Actual Congested Speed: Travel Time Index: 1.4

Project Benefits

Project Cross-Section:	
Speed Limit:	35
Length (miles):	0.5
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	1009000
Travel Time Savings for 30 Years (Autos):	986115.64
Travel Time Savings for 30 Years (Trucks):	22884.36
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 13

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^{*} Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

US-25 (Merrimon Avenue) SPOT ID H090452-A

Project Ownership

Division

Division	Percent	Regional Impact	Division Needs
Division 13	100%	100	100
	0%	0	0
	0%	0	0
TOTAL Division Points		100	100

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
French Broad River MPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$188,000	Cost Estimation Tool
Right-of-Way Cost:	\$45,000	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$233,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$233,000	

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